

HUNGARY/Chemical Technology - Electrochemical Industries,
Electroplating. Chemical Current Sources.

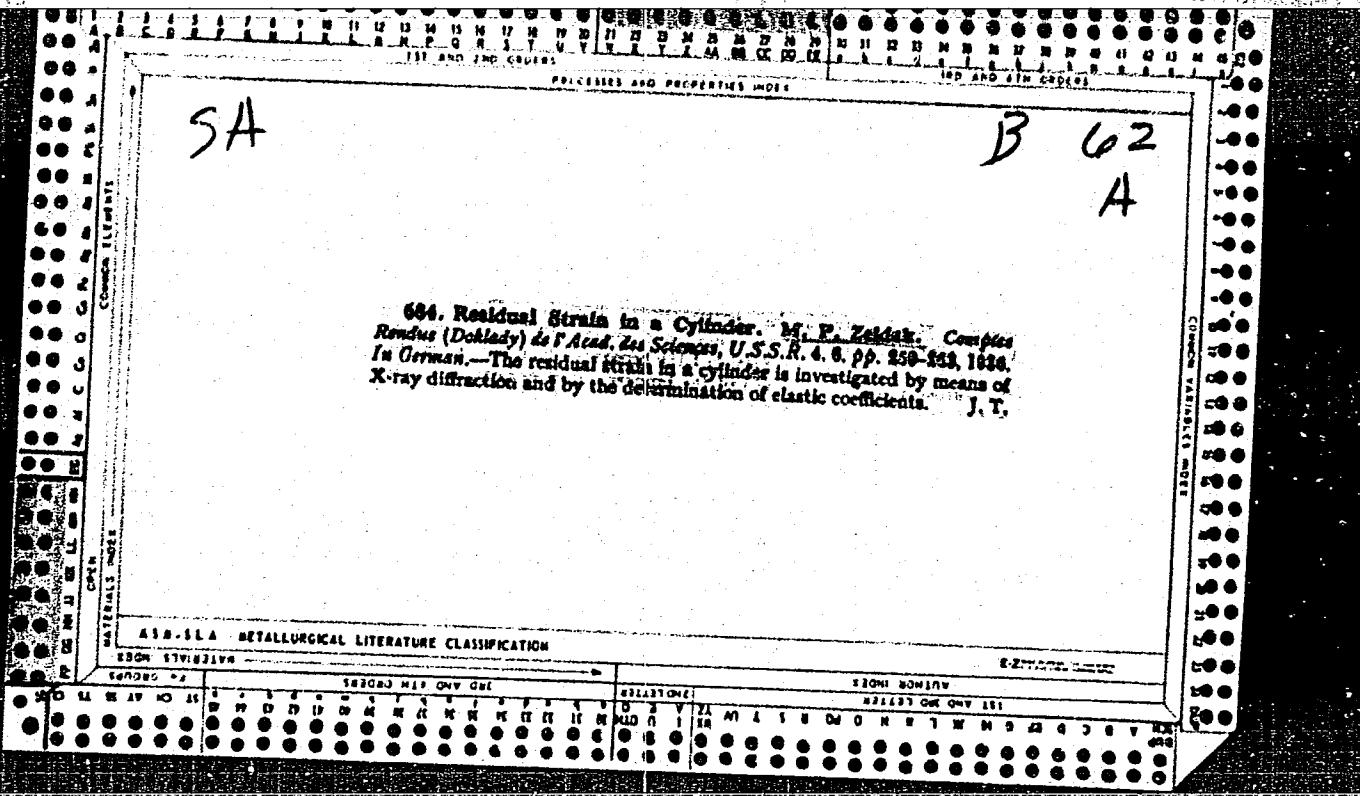
H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 54543
Author : Kishsh, Zeld
Inst : -
Title : The Life Expectancy of a Silver - Zinc Accumulator.
Orig Pub : Magyar kem. folyoirat, 1958, 64, No 1, 17-19

Abstract : The effect on the life span of a silver - zinc accumulator by the addition of impurities to a zinc electrode was investigated. Various amounts of Hg, Pb, Sn, Cl⁻, SO₄²⁻, and CO₃²⁻ were introduced into the active part of the zinc electrode. It was established that the smallest effect is caused by Hg, and the greatest effect by Pb. Anions have no effect.

Card 1/1

14



CA

-3A

Radiations of krypton*. H. Zeldes, B. H. Ketelle, and A. R. Brosi (Oak Ridge Natl. Lab., Oak Ridge, Tenn.). *Phys. Rev.* **79**, 901-2 (1950).—The β -distribution of Kr^{86} is first forbidden. The max. β -energy is 695 ± 5 e.k.v. There is a 540 ± 31 -e.k.v. γ -ray in coincidence with a 170 ± 20 -e.k.v. β -ray; this coincidence represents $(0.65 \pm 0.15)\%$ of the disintegrations. G. M. Petty $\beta^+ - \beta^-$ disintegration in Br^{80} . B. S. Dzhelkov, N. M. Anton'eva, and S. A. Shestopalova (Leningrad State Univ.). *Doklady Akad. Nauk S.S.R.* **64**, 309-12 (1949); cf. *C.A.* **40**, 1288; **43**, 1503a, 8801e. The apparatus is described and the energy spectra obtained for electrons and positrons from Br^{80} are shown. The ratio of areas under the curves gives the positron/electron ratio as $(1.0 \pm 0.2)\%$ (cf. Kurchatov and Latyshev, *J. Exptl. Theoret. Phys. (U.S.S.R.)* **5**, 307 (1935); Barber, *C.A.* **42**, 1123e). The disintegration scheme proposed is: Br^{80} with a half life of 4.4 hrs. emits a γ -ray; then with a half life of 18 min, 1.9% by K capture and 1% by positron emission (1.0 m.e.v.) give Se^{80} , and 97.8% by electron emission (2.2 m.e.v.) gives Kr^{80} . Worden Waring

ZEL'DES, L.

ZEL'DES, L.; ZARKHI, V.

Simplified method for mounting the radiator on a ZIS-150. Avt.
transp. 32 no.5:35 My '54. (MIRA 7:7)
(Automobiles--Radiators)

ZELENCHUK, Ye. V.; ZELENCHUK, L.M.; KOROGODSKIY, M.V.; RUDNITSKIY, A.,
redaktor; VUYEK, M., tekhnicheskij redaktor.

[Prolonging the life of storage batteries] Uvelichenie sroka
sluzhby akkumuliatornykh batarei. Kiev, Gos. izd-vo tekhn. lit-ry
USSR, 1953. 78 p. [Microfilm] (MLRA 8:2)
(Storage batteries)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964220008-9

ZEL'YES, M. B.

Medical certification of worker disability; reference book. Moskva, Izd-vo Narkom-zdrava RSFSR, 1928. 168 P.

Cyr.4 HD775

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964220008-9"

ZEL'DES, M. B.

Problems of medical diagnosis; a study of medical examinations of workers. Moskva.
Gos. med. izd-vo 1929. 164 p.

Cyr.4 H048

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964220008-9

1. The following is a copy of the text of the May 1964 issue of the magazine.

SOURCE: *Mashinostroyeniye*, no. 6, 1964, 97-99

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CIA-RDP86-00513R001964220008-9"

SINENKO, N.P., inzh.; ZEL'DES, N.L., inzh.; LEVKOVICH, S.L., inzh.

Finishing the turbocompressor for the D-70 engine. Mashinostroenie
no.2100-102 Mr-Ap '65.
(MIRA 18:6)

SHUBENKO-SHUBIN, Leonid Aleksandrovich; GERNER, David Mikhaylovich;
ZEL'DES, Natan Yakovlevich; INGUL'TSOV, Vilor L'vovich;
KOGAN, Vladimir Zel'manovich; POKRASSA, Moisey Iosifovich;
SOBOLEV, Sergey Petrovich; SUKHININ, Viktor Pavlovich;
TRZHETSINSKIY, Anatoliy Vitol'dovich; SHNEYDMAN, Avadiy
Yefimovich; PASHIN, B.M., retsenzent; NIKIFOROVA, R.A., inzh.,
red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Strength of steam-turbine elements] Prochnost' elementov paro-
vykh turbin. Pod red. L.A.Shubenko-Shubina. Moskva, Mashgiz,
1962. 567 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk Ukr.SSR (for Shubenko-Shubin).
(Steam turbines)

ZEL'DES, N.Ya., inzh.; SUKHNIN, V.P., inzh.; SHOR, L.A., kand.fiziko-matematicheskikh nauk

Initial bending of the working blades of steam turbines.
Energomashinostroenie 7 no.3:39-41 Ag '61. (MIRA 14:10)
(Steam turbines)

ZEL'DES, N.YA.

PHASE I BOOK EXPLOITATION

SOV/6341

Shubenko-Shubin, Leonid Aleksandrovich, Corresponding Member,
Academy of Sciences USSR, David Mikhaylovich Gerner, Natan
Yakovlevich Zel'des, Vilor L'vovich Ingul'tsov, Vladimir
Zel'manovich Kogan, Moisey Yosifovich Pokrassa, Sergey Petro-
vich Sobolev, Viktro Pavlovich Sukhinin, Anatoliy Vitol'dovich
Trzhetsinskiy, Avadiy Yefimovich Shneydman

Prochnost' elementov parovykh turbin (Strength of Steam Engine Parts).
Moscow, Mashgiz, 1962. 567 p. Errata slip inserted. 4000 copies
printed.

Reviewer: B. M. Panshin; Ed.: R. A. Nikiforova, Engineer; Tech. Ed.:
M. S. Gornostaypol'skaya; Chief Ed.: Mashgiz (Southern Dept.):
V. K. Serdyuk, Engineer.

PURPOSE: This book is intended for steam-turbine designers and service
and engineering personnel in the steam-turbine industry. It may
also be useful as a special textbook for teachers and students
specializing in the steam- and gas-turbine industry.

Card 1/2

Strength of Steam Engine Parts

SOV/6341

COVERAGE: This book contains material on the structural strength problems of all basic steam-turbine parts. Industrial methods of calculating turbine blades, disks, rotors, diaphragms, housings, etc., some described for the first time, are given. Metal strength and methods for its control are described in detail.

TABLE OF CONTENTS [Abridged]:

Foreword

3

PART I. METALS FOR THE PRINCIPAL PARTS OF
STEAM TURBINES AND PERMISSIBLE STRESSES

Ch. I. Fundamental Properties of Applicable Metals

5

Ch. II. Permissible Stresses

24

Card. 2/~~F~~

SOBOLEV, S.P., inzh.; SHNEYDMAN, A.Ye., kand.tekhn.nauk; ZEL'DES, N.Ya.,
inzh.; SUKHININ, V.P., inzh.; SHOR, L.A., inzh.

Experience in manufacturing blades for the last stage of a 150
mw turbogenerator [with summary in English]. Teploenergetika 6
no.3:26-29 Mr '59. (MIRA 12:4)

1. Khar'kovskiy turbinnyy zavod.
(Steam turbines—Blades)

SOV/96-59-3-5/21

AUTHORS: Sobolev, S.P., Engineer: Shneydman, A.Ye., Candidate of Technical Sciences: Zel'des, N.Ya., Engineer: Sukhinin, V.P., Engineer and Shor, I.A., Engineer

TITLE: Experience in Developing the Blading for the Last Stage of a 150-MW Turbine (Opyt sozdaniya lopatki posledney stupeni dlya turbiny moshchnost'yu 150 Mvt)

PERIODICAL: Teploenergetika, 1959, Nr 3, pp 26-29 (USSR)

ABSTRACT: For a long time the Khar'kov Turbine works has been developing last-stage blading for large turbines, leading, in 1956-7, to a rational series of designs. All the blades in the series are designed on common principles and are standardised as much as possible. Blades with an active length of 740 mm were installed in a 100-MW turbine that commenced operation in 1957. Blading for the last stage of the PVK-150, 150-MW turbine, illustrated in Fig.1 is designed for a speed of 3,000 rpm and has an active length of 780 mm. It is based on profile T3 recommended by the Central Boiler-Turbine Institute. The stationary nozzle vanes were of sheet steel. The main aerodynamic characteristics of the blade are tabulated. Successive

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SOV/96-59-3-5/21

Experience in Developing the Blading for the Last Stage of a
150-MW Turbine

stages in profiling of the blade are described. The blading was made of stainless chrome steel 1Kh13 and the stress levels conformed to its properties. The stress distribution over the length of the blade is plotted in Fig.2 and does not exceed 2,630 kg/cm². By means of resistance strain gauges, vibration studies were made on a special experimental wheel in a vacuum chamber. A considerable number of resonant frequencies in the blading were disclosed. The blading was then de-tuned to 300 c/s, leaving four types of oscillation which are described. Various constructions were studied in order to reduce these vibrations and finally two conventional hoops of stiffening "wire" were threaded through the blading in the usual manner. Actually the "wire" consisted of tubing with an external diameter of 15 mm and a wall thickness of 2 mm. Because of the high centrifugal forces side-entry blade attachment was adopted, using serrated roots of diminishing cross-section, with six steps in the "fir tree", as drawn in Fig.3. The method of assembling the blading in the wheel is described and

Card 2/3

SOV/96-59-3-5/21

Experience in Developing the Blading for the Last Stage of a
150-MW Turbine

illustrated photographically in Fig.4. The blades are made from forgings each weighing 35 kg. The method of manufacture is described and, despite the large size, no special difficulties arose. It is considered that it will be possible to make still larger blades. There are 4 figures and 1 table.

ASSOCIATION:Khar'kovskiy turbinnyy zavod (Khar'kov Turbine Works)

Card 3/3

Hydrate formed under conditions of electrolytic deposition of nickel. A. L. Rabinov and V. Ya. Zel'dov (Inst. Nickel, Cobalt, and Tin Ind.). Zhur. Prilozh. Khim. (J. Applied Chem.) 23, 717-23 (1950).—The pH of beginning observable hydroxide formation in the soln. was detd. by potentiometric titration at 80°, on a glass electrode, of previously acidified solns. with NaOH, or of basic solns. with acid; the end points, corresponding, resp., to 1st appearance and to disappearance of hydroxide (visually and by observation of the Tyndall cone), lie at the same pH. In pure solns. of NiSO_4 , with Ni 10.0, 25.0, 39.0, and 61.0 g./l., the pH of beginning hydroxide pptn. was found to lie at 0.3, 5.9, 5.7, and 5.5, resp., irrespective of whether the titration was conducted slowly or rapidly, and irrespective of its direction. At const. Ni content, 41 g./l., addn. of Na_2SO_4 20-40 g./l. had no effect on the position of the pH of hydroxide formation. On the other hand, addn. of NaCl lowers that pH; thus, with Ni (in the form of NiSO_4) 21 g./l., NaCl 0, 5, 20, 50 g./l., pH = 6.0, 5.7, 5.6, 5.5; Ni 21 g./l., Na_2SO_4 40 g./l., NaCl 0, 5, 20, 50 g./l., pH = 5.9, 5.7, 5.6, 5.4. However, at a high Ni content, 31 g./l., NaCl 0-50 g./l. had no effect, pH = 5.6-5.5. Addn. of H_3BO_3 has a very strong effect both at low and at high NaCl contents. Thus, with Ni 31, Na_2SO_4 40, NaCl 5 g./l., H_3BO_3 0, 10, 20, 40 g./l., pH = 5.7, 5.0, 4.0, 3.9; with NaCl 50 g./l., H_3BO_3 0, 10, 20, 40 g./l., pH = 5.8, 4.6, 4.2, 3.8. Higher temp. lowers the pH of beginning hydroxide pptn. Thus, with Na_2SO_4 40, NaCl 5, H_3BO_3 20 g./l., at 20, 50, and 70°, with Ni 21 g./l., pH = 5.2, 4.6, and 4.6; with Ni 40 g./l., pH = 5.0, 4.8, and 4.6; with Ni 61 g./l., pH = 4.8, 4.6, and 4.4. The effect of higher temp. is thus greater at lower Ni contents. N. Thor

CA

4

The formation of hydroxides during the electrolysis of
nickel. A. L. Rotinyan and V. Ya. Zel'des, *J. Applied
Chem. U.S.S.R.* 23, 757-63 (1950) (Engl. translation).-
R. M. S.
See C.A. 44, 8748a.

1952

CD 4

Hydroxide formation under conditions of electrolysis of nickel. A. L. Rotinyan and V. Ya. Zel'dov, Zav. Pribor. Khim. (J. Applied Chem.) 23, 1000-11 (1970); C.A. 64, 8748a.—The beginning of formation of hydroxide in a Ni-plating bath of the compn. Ni 40.0, Na₂SO₄ 40, and NaCl 5 g./l., with various amts. of CuSO₄ (and in an analogous bath with H₂O₂ 20 g./l.) at 50°, was investigated by electrometric titration with alkali on a glass electrode and by observation of the Tyndall cone. With only 0.004 g. Cu/l., the titration curve is not distinguishable from that of the pure Ni bath. With 0.04 and 0.10 g. Cu/l., the pH of beginning hydroxide formation is considerably lower than in the pure Ni bath. From Cu 0.60 g./l. upwards, the titration curves, after reaching the pH of begin-

ning hydroxide formation, pass through a max.; no further addition of alkali Cu hydroxide is formed at a somewhat lower pH than initially. A similar max. was found also in Cu-rich Ni baths contg. H₂O₂, but the pH of pptn. of Cu(OH)₂ is considerably lowered. With Fe(SO₄)₂ (0.008-1.0 g./l.) added to the Ni bath, the hydroxide Fe(OH)₂ remains in a colloidal state and is not coagulated until Ni(OH)₂ begins to ppt. With high contents of FeSO₄, a max. is observed on the titration curves, as with Cu, being possibly due to initial formation of very fine particles of hydroxide which adsorb H⁺ ions and release them as the particles become increasingly coarser. Another possible explanation is initial formation of less-basic colloidal particles which then change into more-basic micelles. N. Then

CA

7

Hydroxide formation under conditions of electrolysis of
nickel. A. L. Rotinyan and V. Vn. Zel'dev. *J. Applied
Chem. U.S.S.R.* 23, 991-5 (1960) (Engl. translation).—See
C.A. 46, 6013b. B. R.

USSR/Chemistry - Electrolytic Refining
of Metals

Jun 51

"Hydrate Formation of Ni Electrolysis," A. L.
Potinyan, V. Ya. Zeldes, Inst Nickel, Cobalt,
and Tin Ind.

"Zem Prik Khim" Vol XXIV, No 6, pp 604-609

Delta pH values corr to the start of colloidal Ni
hydrate formation in sulfate, chloride and nitrate
solns by potentiometric titration with glass elec-
trodes and by means of Tyndall cone. In nitrate
and chloride solns the pH values are same. Fptn
of hydrates in sulfate solns starts in more alk.

183748

USSR/Chemistry - Electrolytic Refining
of Metals (Contd)

Jun 51

medium. H_3BO_3 lowers pH of the start of hydrate
formation more sharply in chloride and nitrate
than in sulfate solns. $(NH_4)_2SO_4$ lowers pH more
than H_3BO_3 in sulfate solns. Effect of both
buffers in chloride and nitrate solns is same.
Increased hardness of cathodic deposits obtained
from solns with addn of $(NH_4)_2SO_4$ under customary
electrolysis conditions appears to be dtd by
large quantity of Ni hydrates in layer near cathode.
Under conditions of Ni electrolysis, formation of
colloidal metal hydrates is more likely than forma-
tion of basic metal compds.

183748

zeli'den, V. Ya.
USSR/ Chemistry - Physical chemistry

Card 1/1 Pub. 147 - 12/26

Authors : Rotinyan, A. L.; Zel'den, V. Ya.; Ioffe, E. Sh.; and Kozich, E. S.

Title : Potential of Ni deposition and the theory of the retarded ion discharge

Periodical : Zhur. fiz. khim. 28/1, 73-80, Jan 1954

Abstract : The polarization curves for Ni-deposition were measured and the cathode discharges along the metal were determined as a function of pH at different NaCl concentrations in the electrolyte. The potentials originating as result of NaCl addition to the solution were calculated by means of two separate methods. The effect of the Ni-ion activity in the electrolyte on the potential of Ni-deposition is explained. The results obtained were compared with the theory of the retarded discharge and found in perfect agreement with it. Twenty-four references : 21-USSR; 1-USA and 2-German (1916-1952). Table; graphs.

Institution :

Submitted : March 5, 1953

ZEL'DES, V. Ya., CHERNOBROV, S. M. and GORELIK, Ye. M.

"The Exchange of Nickel Ions at Cationites," an article included in the book "The Theory and Practice of the Application of Ion-Exchange Agents," edited by K. V. Chmukov and Published by the AS USSR, 1955, 164 pp.

ROTINYAN, A.L.; ZEL'DES, V.Ya.; SHOSHINA, I.A.

Carbon in electrolytic nickel. Zhur.prikl.khim. 35 no.7:1542-
1546 Jl '62. (MIRA 15:8)
(Nickel plating) (Carbon--Analysis)

REF ID: A6433
 U/L-1
 JPRS: L-974-3
 CGO: 1743-3

Z-1 *do* *1/1*

THEORY AND PRACTICE OF THE APPLICATION OF ION-EXCHANGE MATERIALS

EDITORIAL MATERIALS

Teoriya i Praktika Primeneniya
 Ionochayushchikh Materialov, Moscow,
 1955, pp. 1-154.

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| Chernobrov, S. M., Zeldes, V. Ya., Gorylik, Ye. M. Nickel Ion Exchangers by Cation Exchangers | 150 |

ZEL'DEVICH, Yakov Borisovich; MYSHKIS, Anatoliy Dmitriyevich;
KEPPEN, I.V., red.; BITYUTSEKOV, V.I., red.

[Elements of applied mathematics] Elementy prikladnoi
matematiki. Moskva, Nauka, 1965. 615 p.
(MIRA 19:1)

MAKEYEVA, A.P.; POZIN, A.A.; YEGANOVA, Ye.S.; BAKSHT, O.V.; ZEL'DICH, E.I.

Utilization of SKP rubber for the manufacture of rubber footwear.
Kauch. i rez. 17 no.9:25-27 S '58. (MIRA 11:10)

1.Zavod "Krasnyy bogatyr" i Nauchno-issledovatel'skiy institut
rezinovykh i lateksnykh izdeliy.
(Boots and shoes, Rubber)

AUTHORS: Makeyeva, A. B; Pozin, A. A; Yeganova, Ye. S; Baksht, O. V.
Zel'dich, B. I. SOV/138-58-9-7/11

TITLE: Possibility of Using SKP Rubber for Manufacturing Rubber
Boots (O vozmozhnosti primeneniya kauchuka SKP dlya
izgotovleniya rezinovoy obuvi)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 9, pp 25 - 27 (USSR)

ABSTRACT: The output of rubber shoes is to be increased three to
four times by the end of 1965 according to the direc-
tives of the May Conference of the Central Committee of
the KPSS. The authors tested the properties of standard
SKP mixtures containing atomised carbon black and mix-
tures and compositions prepared under laboratory and in-
dustrial conditions in the factory "Krasnyy bogatyr".
The composition of the two mixtures is given. The plas-
ticity of standard mixtures containing channel black
practically did not change after heating for 90 minutes
(Fig.1). Mixtures containing atomised carbon black
showed considerable lower plasticity after heating for
40 - 50 minutes. SKP mixtures prepared under industrial
conditions could not be tested because they show great
tendency to scorching. This disappeared when 2 - 3% of

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SOV/138-58-9..7/11
Possibility of Using SKP Rubber for Manufacturing Rubber Boots

zinc benzoate was added to the mixtures (Figs. 2 - 3). The addition of this substance does not affect the properties of the vulcanisates (Tables 1 and 2). Properties of vulcanisates made from SKP and SKB rubber are compared (Tables 2 - 4). The physico-mechanical characteristics of boots made from SKP rubber, when zinc benzoate was added, were slightly better than those made from SKB rubber. There are 4 Tables, 3 Figures and 3 Soviet References.

ASSOCIATION: Zavod "Krasnyy bogatyr" i Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy ("Krasnyy bogatyr" Factory and the Scientific Institute for Rubber and Latex Articles)

Card 2/2

PESCHANSKAYA, R.Ya.; EYDEL'NANT, N.Ia.; ZEL'DICH, E.I.; KRASOVSKAYA, A.M.

Diatomite and its use in the formulas for rubber footwear. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy, 24 no.5:20-22 My '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

L 3381-66 EWT(m)/EWP(j)/T FM
ACCESSION NR: AP5022093 UR/0138/65/000/008/0042/0044
678.06:685.314.33.002.2
AUTHOR: Tokareva, T. Ye.; Snitsarenko, L. G.; Volkova, N. A.; Baksht, O. V.;
Zel'dich, E. I.; Kheyfets, F. M.
TITLE: Compounding and technology for manufacturing winter-proof boots
SOURCE: Kauchuk i rezina, no. 8, 1965, 42-44
TOPIC TAGS: rubber chemical, antifreeze, synthetic material, butadiene styrene rubber, filler, plasticizer, thermoelasticity, special purpose clothing, rubber/SKMS-10 rubber
ABSTRACT: Formulations and technology for making frost-resistant boots which retained their elasticity at -50C were worked out and introduced commercially. Formulations for all parts except the tricot-backed boot tops were based on frost resistant rubber SKMS-10, and natural rubber was used in formulation for fabric application. The antifreeze effectiveness of dibutylphthalate, dibutylsebacinate, MVP oil, "plasticizer" oil and transformer oil was evaluated. The first two compounds gave the best frost-resistance at -50 C, and formulations containing dibutylphthalate had the greatest resistance to aging and became brittle below
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L 3381-66

ACCESSION NR: AP5022093

-65C. Different types of carbon black had little effect on frost-resistance. Manufacturing technology for making frost-resistant regular and fisherman's boots is analogous to that for making ordinary molded boots. Orig. art. has: 2 tables

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy (Scientific Research Institute for Rubber and Latex Products); Zavod "Krasnyy bogatyr" (Krasnyy Bogatyr" Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, IE

NR REF SOV: 005

OTHER: 000

Card 2/2 *md*

EXCERPTA MEDICA Sec 7 Vol.12/6 Pediatrics June 58

1711. REMOTE RESULTS OF TREATMENT OF RHEUMATISM IN CHILDREN
(Russian text) - Zeldich L. E. - TRUD. II SEZDA VRAC. - PEDIAT.
USSR 1956 (278-282)

Follow-up data confirm the necessity for inclusion of antibiotics, blood transfusion, fresh air therapy and physiotherapeutic exercises, in addition to salicylates and pyramidon. They reconfirm the importance of diet in the active and non-active phases of the disease, as well as of close out-patient supervision. There were more relapses after treatment with salicylates and pyramidon alone, than when they were combined with antibiotics. Patients with heart disease following repeated relapses can, under proper regime and training, recover their full capacity for work. Tonsillectomy is more effective when carried out at an early, or latent, stage of the disease, than after a series of relapses. Special attention should be paid to rheumatic children of preschool age in order to provide them with sanatorial treatment.

(S)

ZEL'DICH, L. Ye., SHTEYNBERG, T. A. and GUTNITSKAYA, P. M.

Zel'dich, L. Ye., Shteynberg, T. A. and Gutnitskaya, P. M. "Treating dystrophy in children with 'aminostimulin'", Vracheb. delo, 1949, No. 5, paragraphs 425-30.

SO; U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

ZEL'DICH, L.Ye., Doc Med Sci -- (diss) "Peculiarities of
the course of rheumatism in children. Data for ^{the} clinic and
pathogenesis." Kiev, 1959, 19 pp (Kiev Order of Labor Red
Banner Med Inst im Academician A.A. Bogomolets) 300 copies
(KL, 33-59, 120)

- 56 -

ZEL'DICH, L. 

Chemical Abst:
Vol. 48 No. 4
Feb. 25, 1954
Biological Chemistry

Changes of capillary permeability in children with rheumatism. L. B. Zel'dich (A. A. Bogomolets Med. Inst., Kiev), *Pediatriya* 1953, No. 2, 41-4.—Change in the direction of greater capillary permeability in juvenile rheumatism is observed from an exam. of the protein fractions and the extent of protein penetration in a capillary filtrate. The total protein remains approx. normal, but in the majority of cases the albumin-globulin ratio declines. With improvement, the patients display a reversal of this trend, with corresponding increase of the albumin fraction.
O. M. Kosolapoff

Dept of Hospital
Pediatrics,

ZEL'DICH, L.Ye. [Zel'dych, L.IE.], dots.

Changes in the electrocardiogram of children with rheumatic fever.
Ped., akush. i gin. 19 no.6:17-22 '57. (MIRA 13:1)

1. Kafedra gospital'noy pediatrii (zav. - chlen-korrespondent AMN
SSSR prof. O.M. Khokhlov) Kiyevskogo ordena Trudovogo Krasnogo Zna-
meni meditsinskogo instituta im. akad. A.A. Bogomol'tsa (dir. - dots.
I.P. Alekseyenko) na baze bol'nitsy im. Kalinina (glavnnyy vrach -
V.O. Udintseva).

(RHEUMATIC FEVER) (ELECTROCARDIOGRAPHY)

TSEKHANOVSKIY, A. I., BEKESHOV, S. P., ZEL'DICH, P. N.

Lumbering

Hauling lumber by means of a windlass with perpetual cable. Les. prom., 12, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress
March 1952. UNCLASSIFIED.

ZEL'DICH, Yu.V.

Overload protection of electric meters by means of silicon
diodes. Izm. tekhn. no.9:41-42 S '64. (MIRA 18:3)

MENDEL'SON, V.S.; CEKHTMAN, G.A.; KHRIZMAN, M.G.; ZEL'DIN, A.I.

Using spraying techniques in applying protective coatings.
Mashinostroenie no.2:69-76 Mr-Ap '62. (MIRA 15:4)

1. Kiyevskiy zavod torgovogo mashinostroyeniya.
(Plastic spraying)

ZEL'DIN, B., inzh.

Using two-level cranes in assembling cement plants. Stroi. mat.
2 no.10:28 0 '56. (MINA 12:3)
(Cranes, derricks, etc.)

SHPAKHLER, A.G.; AKSEL'ROD, E.I.; KOTKIN, A.M.; SOLOV'YEV, A.V.; ZEL'DIN, B.B.

Improving the manufacture technology in coal briquet plants.
Ugol' Ukr. 6 no.2:17-19 F '62. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut (for Shpakhler, Aksel'rod).
2. UkrNIIUgleobogashcheniye (for Kotkin, Solov'yev). 3.
Donetskkgiproshakht (for Zel'din).
(Briquets (Fuel))

ZEL'DIN, B.B., inzh.; YEFIMOV, V.I., inzh.

Three-dimensional designs. Shakht.stroi. 7 no. 5:25-26 My '63.
(MIRA 17:4)

1. Dongiproshakht.

BLAGOV, I.S.; KOTKIN, A.M.; SHPAKHLER, A.G.; ZEL'DIN, B.B.

Briquetting of coal fines by using heavy coal-tar for binder. Ugol' 28
no.8:40-42 Ag '53. (MLR 6:7)

1. Trest Ugleobogashcheniye (for Blagov). 2. Yuzhnaya inspeksiya Glav-
koksa (for Kotkin). 3. Dnepropetrovskiy gornyy institut (for Shpakhler).
4. Mospinskiy briketnyy kombinat (for Zel'din). (Briqueta (Fuel))

ZEL'DIN, Boris Borisovich; MARGOLIN, V.A., redaktor; SVIRIDOV, F.A.,
redaktor; NADENSKAYA, A.A., tekhnicheskiy redaktor.

[Technical control in a factory producing coal briquets] Tekhnicheskii kontrol' na uglebriketnoi fabrike. Moskva, Ugletekhizdat,
1955. 39 p.
(Briquets (Fuel))

ZEL'DIN, G.S.

Treatment of erysipeloid with synthomycin. Vrach.delo no.5:521 My '60.
(MIRA 13:11)

1. Kozhno-venerologicheskiy dispanser Oblastnoy klinicheskoy
bol'nitsy imeni Mekhnikova, Dnepropetrovsk.
(CHLOROMYCETIN)
(ERYSIPEROID)

USSR / Pharmacology, Toxicology, Chemo-Therapeutic Preparations. V
Antibiotics.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 27925

Author : Zel'din, G. S.

Inst : Dnepropetrovsk Regional Clinical Hospital imeni I. I.
Mechnikov

Title : Experimental Treatment of Erysipelas With Synthomycin

Orig Pub : Sb. nauchn. rabot Dnepropetr. obl. klinich. bol'nitsa
im. I. I. Mechnikova, 1958, No 2, 369-370

Abstract : No abstract given

Card 1/1

ZEL'DIN, G.S. (Dnepropetrovsk)

Case of herpes zoster following X-ray irradiation. Vrach.delo
(MIRA 15:11)
no.8:142 Ag '62.

1. Kozhno-venerologicheskiy dispanser 24-y gorodskoy bol'nitsy,
Dnepropetrovsk.

(HERPES ZOSTER)
(X RAYS--PHYSIOLOGICAL EFFECT)

KOGON, G.Kh.; ZEL'DIN, G.S.

Folic acid in the treatment of psoriasis. Vest. derm. i ven. 34
no. 7:58-60 '60. (MIRA 13:12)

(PSORIASIS) (FOLIC ACID)

KOGON, G.Kh.; PROGOPOPOV, N.I.; ZEL'DIN, G.S.; TYTAR', G.M.

Efficacy of tonsillectomy in patients with chronic tonsillitis and psoriasis. Vest.derm.i ven. 34 no.8:52-55 '60. (MIRA 13:11)

1. Iz klinicheskogo otdeleniya bolezney ukha, nosa i gorla (zav. G.M. Tytar') i kozhno-venerologicheskogo dispansera (zav. G.Kh. Kogon) Dnepropetrovskoy oblastnoy klinicheskoy bol'nitsy imeni I.I. Mechnikova (glavnnyy vrach F.A. Lyubin, nauchnyy rukovoditel' - zasluzhennyy deyatel' nauk USSR prof. L.A. Lukovskiy).
(PSORIASIS) (TONSILS--DISEASES)

ZEL'DIN, G. S.

Seasonal nature of psoriasis. Vest. derm. i. ven. no.4:32-38 '62.
(MIRA 15:4)

1. Iz kozhno-venerologicheskogo dispansera Dnepropetrovskoy
gorodskoy bol'nitsy No. 24 (glavnnyy vrach V. N. Agafonov,
nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. P. V.
Kozhevnikov).

(PSORIASIS) (PERIODICITY)

ZEL'DIN, G.S. (Dnepropetrovsk)

Care of the hair. Med. sestra 22 no. 8:57-59 Ag'63. (MIRA 16:10)
(HAIR—CARE AND HYGIENE)

ZEL'DIN, G.S.

Treatment of multiform exudative erythema with biomycin. Sov. med.
25 no.9:137 S '61. (MIRA 15:1)

1. Iz Kozhno-venerologicheskogo dispansera 24-y Gorodskoy bol'nitsy
Dnepropetrovска (glavnyy vrach V.N. Agafonov).
(ERYTHEMA) (AUREOMYCIN)

ZEL'DIN, G.S. (Dnepropetrovsk)

Skin hygiene. Med. sestra 21 no.2:53-55.F '62. (MIRA 15:3)
(SKIN--CARE AND HYGIENE)

ZEL'DIN, G.S., vrach (Dnepropetrovsk)

Role of vitamins in the treatment of skin diseases. Med. sestra 21
no.4:28-31 Ap '62. (MIRA 15:4)
(VITAMINS) (SKIN--DISEASES)

ZEL'DIN, G.S. (Dnepropetrovsk)

Collagen diseases. Fel'd. i akush. 27 no. 3:11-15 Mr. 162.
(MIRA 15:4)

(COLLAGEN DISEASES)

ZEL'DIN, G.S.

Treatment of herpes zoster with levomycetin. Scv. med. 24 no. 2:140
F '60. (MIRA 14:2)

1. Iz kozhno-venerologicheskogo dispansera Dnepropetrovskoy oblastnoy
bol'nitsy imeni Mechanikova (glavnnyy vrach F.A. Lyubin).
(HEPRES ZOSTER) (CHLOROMYCETIN)

ZEL'DIN, G.S. (Dnepropetrovsk)

Adrenocorticotropic hormone and cortisone in the treatment of skin
diseases. Fel'd i akush. 25 no. 10:13-14 0 '60. (MIRA 13:10)
(ACTH) (CORTISONE) (SKIN—DISEASES)

ZEL'DIN, G. S., ordinator

Case of late reinduration. Vest.ven. i derm. no.2:56 Mr-Ap '55
(MIRRA 8:5)

1. Iz Dnepropetrovskoy oblastnoy klinicheskoy bol'nitsy.
(SYPHILIS)

ZEL'DIN, K.A., inzh.

Group-type fuel oil and gas valves. Energetik 10 no.11:19-21
N '62. (MIRA 15:12)

(Boilers)

NEMCHIKOVA, Zoya Mikhaylovna; ZEL'DIN, Lev Avseyevich; FRIDLYAND,
Mikhail Matveyevich; KHALTTUNEN, Viktor Vasil'yevich
[deceased]; IL'INSKIY, A.I., red.; OTOCHEVA, M.A., red.
izd-va; SALAZKOV, N.P., tekhn. red.

[Technical norms, estimates and accounting in city electric
transportation] Tekhnicheskoe normirovanie, smety i uchet na
gorodskom elektricheskem transporte. Pod obshchei red. Z.M.
Nemchikovoi. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1962.
203 p. (MIRA 16:6)

(Street railways--Production standards)
(Street railways--Accounting)

ZEL'DIN, L.M.

The SPKCS glass-spinning unit. Biul.tekh.-ekon.inform.
no.5:54-55 '59. (MIRA 12:8)
(Glass fibers)

24242
S/193/61/000/006/002/007
A004/A104

15-8450
15-2125

AUTHOR:

Zel'din, L. M.

TITLE:

KCB-100-M2 (KSV-100-I2) conveyer for the processing of glass fiber

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 6, 1961, 17-18

TEXT: The KSV-100-I2 conveyer, developed by the spetsial'noye konstruk-torsko-tehnologicheskoye byuro mashin khimicheskikh volokon (Special Techno-logical Designing Bureau of Chemical Fiber Machines) (SKTB MKhV), has been manufactured by the Leningradskiy mashinostroitel'nyy zavod upravleniya mashino-stroyeniya (Leningrad Machine Building Plant of the Mechanical Engineering Administration) (Lenmashzavod) and is intended for the processing of staple glass fiber into heat insulating mats and plates. Big-lot production of these conveyers was started in 1960. The new conveyer is based on the same operation principle and design as the KSV-100-I model (Byulleten' tekhniko-ekonomicheskoy informatsii, 1959, no. 7, 48). The following technical data are given: output per year - not less than 20,000 m³; linear mat speed - 0.45 - 3 m/min; dimensions of mats and plates being produced: width - 500 and 1,000 mm, length - 1,000 and 2,000 mm; product thickness - 20-60 mm; length of assembly - 31,300 mm; weight -

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24242

8/193/61/000/006/002/007
A004/A104

KCB-100-1/2 (KSV-100-I2) conveyer ...

about 25 tons. Compared to the KSV-100-I conveyer the new model possesses a number of advantages: the drying and polymerization chamber length was increased from 10 to 15 m; a new load installation increasing the stress on the product made it possible to raise the mat density from 80 kg/m³ to 120 kg/m³, which made the capacity of the assembly rise by a factor of 1.5. The shears being replaced by disk cutters and a photocell system increased the mat cutting quality and accuracy.

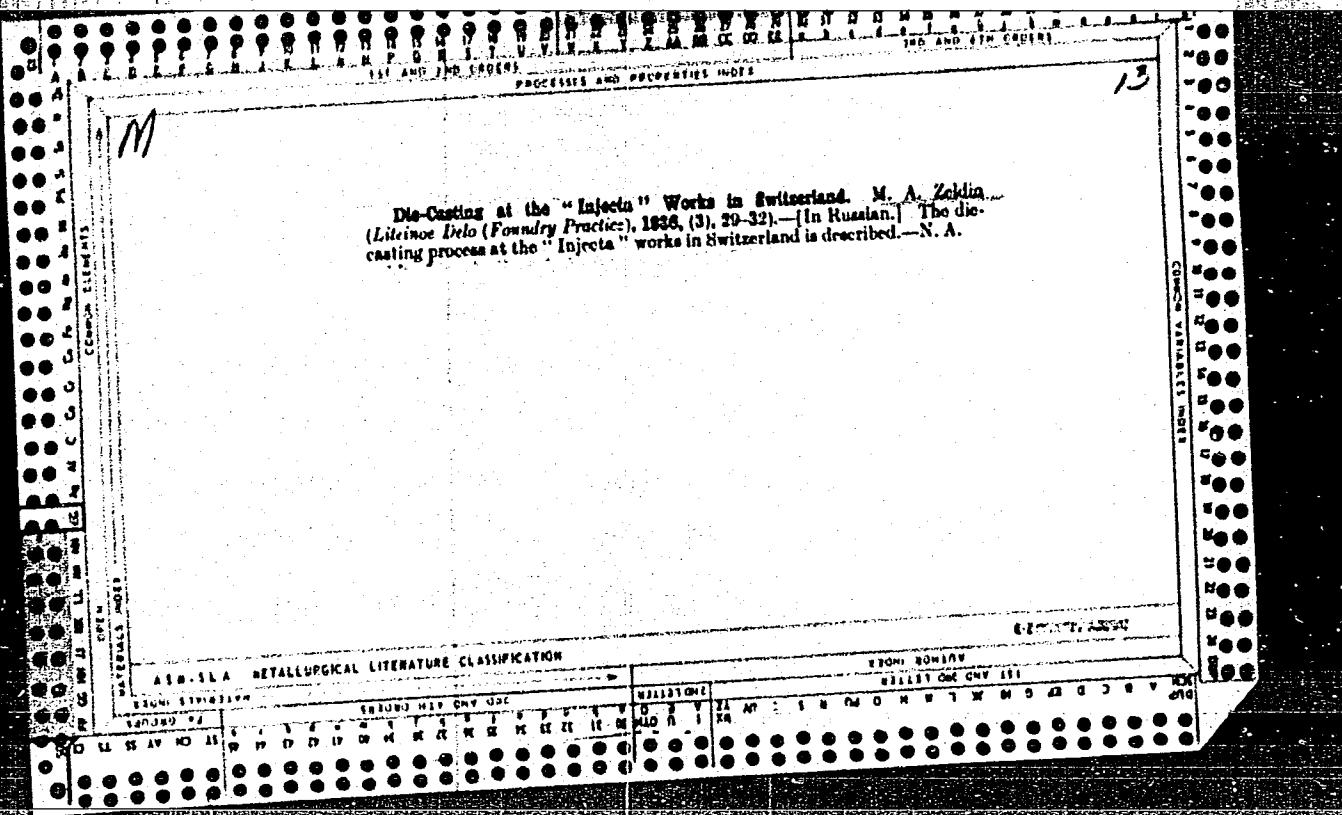
Card 2/2

ZEL'DIN, L.M.

Studying the mechanism of a high-speed take-up of the synthetic
fiber tow by the coiler can with a large diameter. Izv. vys.
ucheb. zav.; tekhn. teks. prom. no.6:137-144 '65.

(MIRA 19:1)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti
im. S.M. Kirova.



ZEL'DIN, M.Z.

Central Research Institute of Building Design. Izv.ASIA 4
no.1:132-134 '62. (MIRA 15,11)

1. Rukovoditel' nauchno-metodicheskoy gruppy TSentral'nogo
nauchno-issledovatel'skogo instituta stroitel'nykh konstruktsiy.
(Construction industry)

ZEL'DIN, M.Z.

Institute of Structural Design. Izv.ASIA no.3:120-121 '62.
(MIRA 15:11)
1. Rukovoditel' nauchno-metodicheskogo sektora Instituta stroitel'-
nykh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR.
(Construction industry)

ZFL'DIN, M.Z. --

"An Experimental Investigation of the Principal
Physicomechanical Properties of Acid-Resisting Coatings
of Basalt Glass and Its Elements." Cand Tech Sci,
Central Sci Res Inst of Industrial Structures, TsNIPS,
13 Oct 54. (VM, 4 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

ZELDIN, N.O., Eng.

USSR

"Air Baths For Evaporation"

Ogneupory, No. 3, 1948

183T60

ZEL'DIN, N. O.

USSR/Engineering - Refractories, Raw
Materials

Jun 51

"Concerning Utilization of Clays From Suvorovo De-
posits," N. O. Zel'din, Domodedovo Refractory Plant

"Ogneupory" No 6, pp 258, 259

Effective Feb 50, new specification: "Refractory
Clays of Suvorovo Deposit, TVO-17-50." New class-
ification of clays required development of different
methods for their use. Investigations proved clays
of Suvorovo deposits are good raw materials for re-
fractories despite certain deficiencies. Gives
characteristics, required by new specification, and
physicochem indexes of refractories.

LC

183T60

ZELDIN, N.O.

Zeldin, N. O., and Balyuk, S. T. RAPID ANALYSIS OF SILICA, IRON, AND QUARTZITES. *Ogneupory, B. and DR. (1970)*. The method is based on treating the sample with HF in the presence of HNO₃. The analysis takes 2.0 to 2.6 days.

8

ZELDIN, N.O.

UNFIRED MUFFLES FOR LABORATORY ELECTRIC OVENS, B.Z.K.
Zel'din, Orenburg, 11 [1] 37 (1946). -- The wooden
shape is covered with cardboard sheet, and the spiral is
arranged on the surface of the cardboard. The spiral is
then covered with a thick grog mass consisting of 80% fine
grog (0.5-mm. sieve openings) and 20% refractory clay to
give a wall of the desired thickness. The muffle and card-
board are removed from the wooden shape and the card-
board is carefully pulled out. The muffle is dried at room
temperature for 1 to 2 days, in a drying oven for 5 to 6 hr.,
and on a electric plate for 3 to 6 hr. The muffle is in-
cluded in the circuit and is thus "self" fired. NOTE: The
editors recommend the addition of 5 to 10% wood char-
coal (0.5 to 2mm.) to the thick grog mass. B.Z.K.

ZELDIN, N.O.

Zeldin, N. O., and Balyuk, S. T. Dolomitic Analysis.
Ogneupory, 8 [5-6] 331-35 (1940).--The suggested chemical analysis of dolomite is based upon the determination of MgO by the oxyquinoline method and of SiO₂ by the gelatin method.

ZELDIN, N.O.

Zeldin, N.O., and H. J. S. (1970) A new method for the determination of titanium dioxide in refractory materials. The method consists of the photometric titration. There is an accuracy within 0.1% in material containing about 5% titanium dioxide.

ZEL'DIN, N. O:

C 5/11/41

UNFIRED MUFFLES FOR LABORATORY ELECTRIC OVENS. N. O. Zel'din, Ogneparty, 11 [1] 39 (1946). -- The wooden shape is covered with cardboard sheet, and the spiral is arranged on the surface of the cardboard. The spiral is then covered with a thick grog mass consisting of 80% fine grog (0.5-mm. sieve openings) and 20% refractory clay to give a wall of the desired thickness. The muffle and cardboard are removed from the wooden shape and the cardboard is carefully pulled out. The muffle is dried at room temperature for 1 to 2 days, in a drying oven for 5 to 6 hr., and on a electric plate for 5 to 6 hr. The muffle is included in the circuit and is thus "self" fired. NOTE: The editors recommend the addition of 5 to 10% wood charcoal (0.5 to 2mm.) to the thick grog mass. B.Z.K.

ZELDIN, N. O.

AUTHOR INDEX

CLASSIFICATION

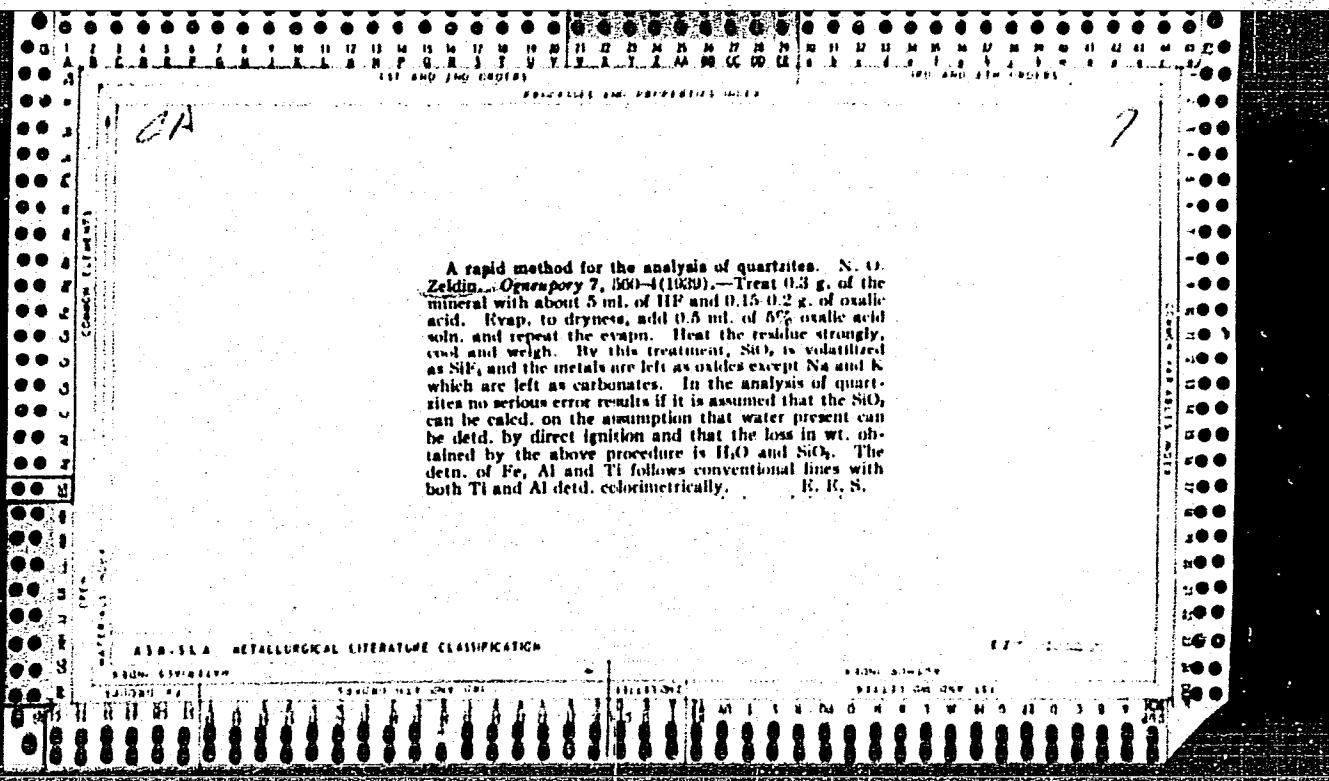
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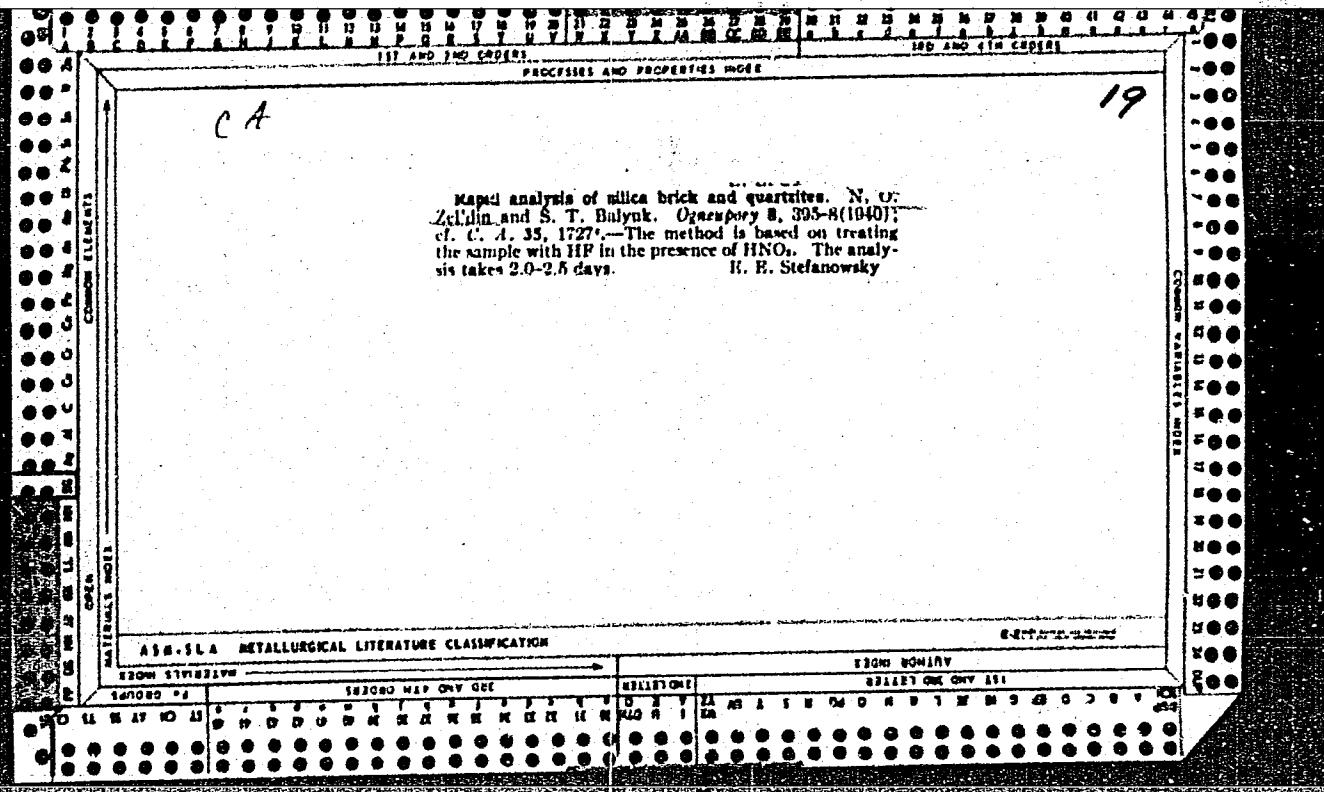
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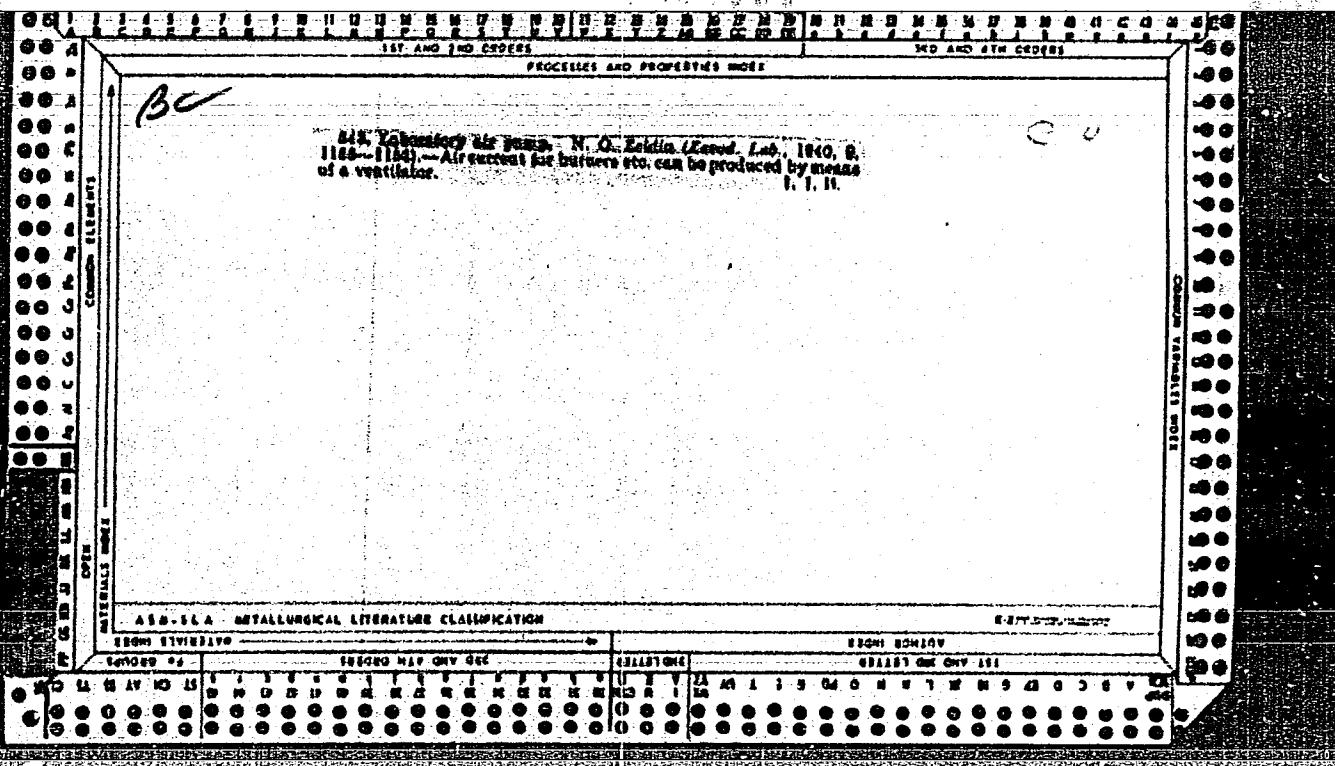
Zeldin, N. O. and Bulyuk, S. I. TITANIUM DIOXIDE
IN REFRACRY MATERIALS. Zavodskaya Lab. 12: 157-158
(1970).—Definitive given of a novel method used for the
determination of titanium dioxide in refractory materials.
The methods consists of the photochlorimetric comparison
against standard titanium dioxide solutions. There is an
accuracy within 0.1% in materials containing about 6%
titanium dioxide.

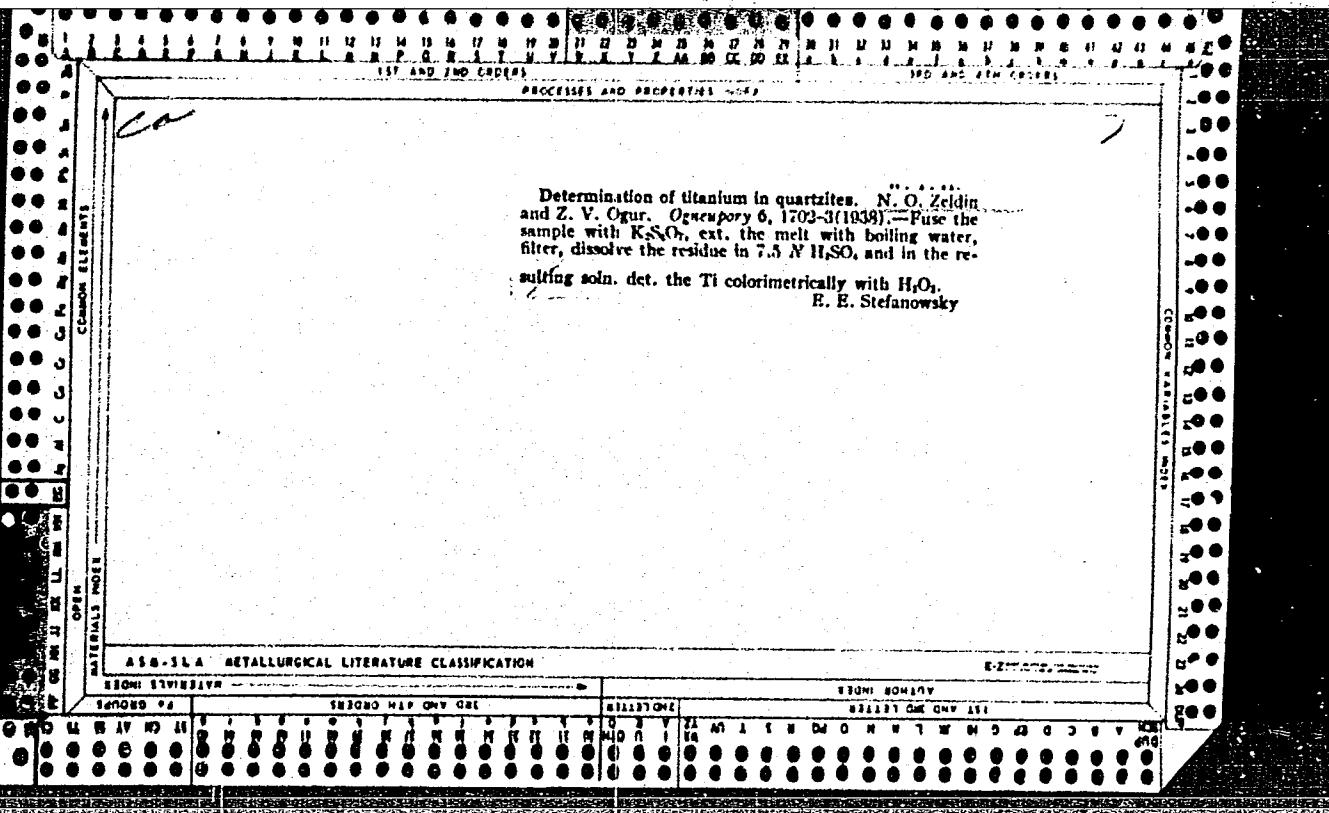
Izoldin, N. O. and Balyuk, S. T. **DOLOMITE ANALYSIS**
Ogneupory, 8 [5-6] 351-35 (1971). The suggested chemical analysis of dolomite is based upon the determination of MgO by the oxyquinoline method and of SiO₂ by the gelatin method.

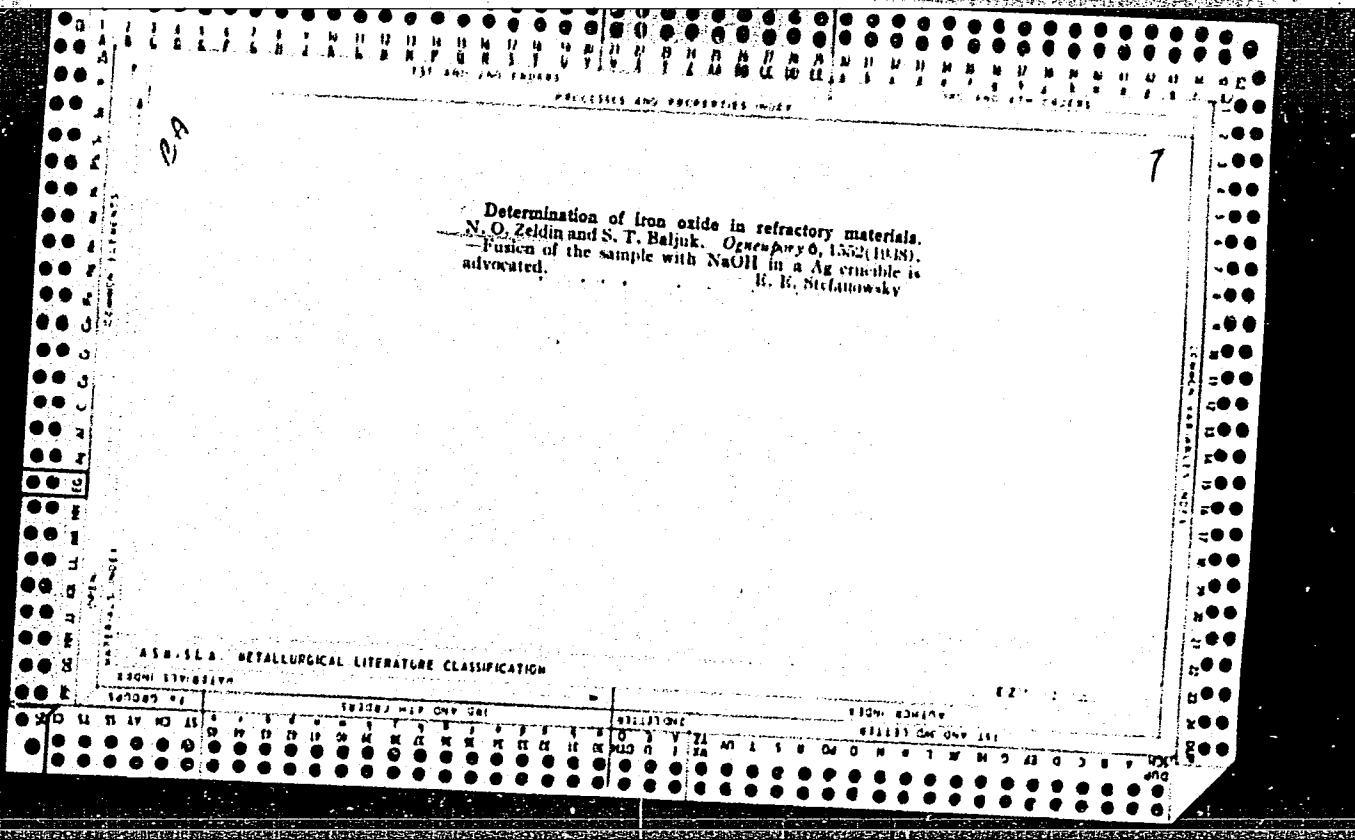
REMARKS
OPEN
COMMON ELEMENTS







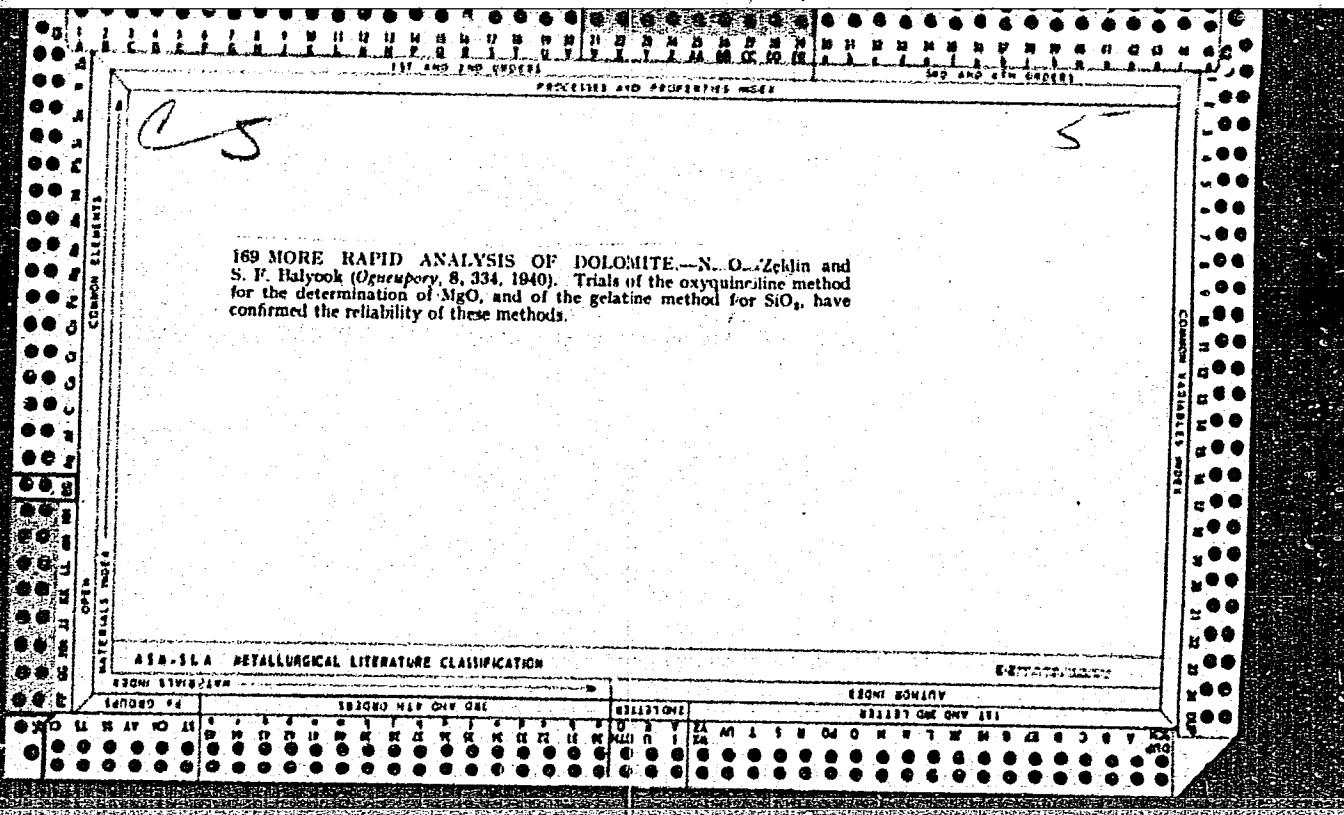




CA

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Utilization of Suvorov clays. I. P. Kirsanov and N. O. Zel'dina. *Ogneupory* 15, No. 1, 44-5 (1950).—These clays are not uniform and before the last war were not used extensively in the manuf. of refractories. Semidry pressed, class B brick of satisfactory quality are now made from $\frac{1}{2}$ semicalcid clay, $\frac{1}{4}$ basic clay, and $\frac{1}{4}$, Chasov-Yar semicalcid clay. Grog (40%) is made by briquetting clays in the same ratios. Grog and brick are fired at 1300-1320°. B. Z. Kamlech



69

14

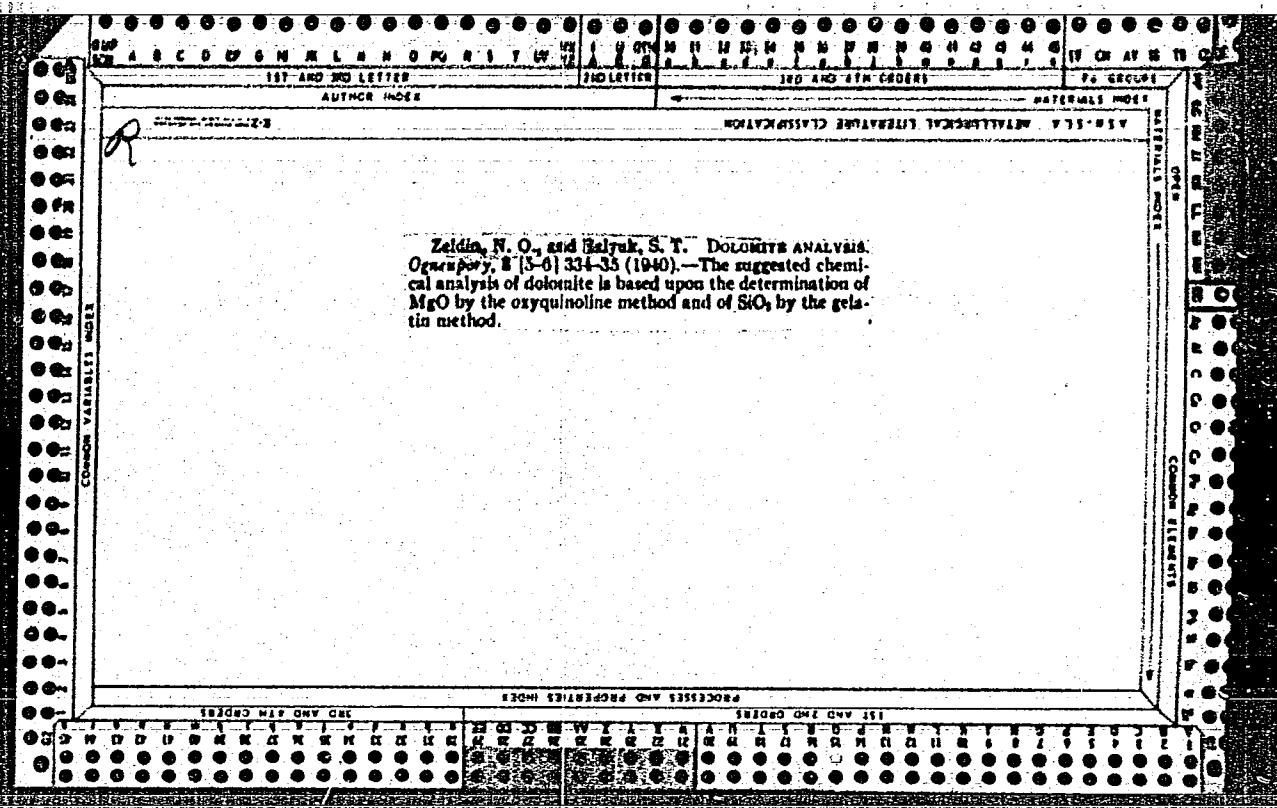
Determination of titanium dioxide in refractory materials. N. O. Zel'din and S. T. Bialik. *Zaraditskaya Lab.* 12, 757-81 (1946).—The method consists in photocolorimetric comparison with standard TiO_2 solns. For clay and grog, fuse 0.6 g. of the finely ground sample in a Pt crucible for 20-25 min., with 3 g. of Na_2CO_3 , cool, ext. with water, dil. to 150-200 ml., boil for 30 min., filter, wash the ppt. on the filter thoroughly with distd. H_2O , dissolve in 50 ml. of 20% H_2SO_4 , filter until entirely clear, transfer to a measuring flask, add 10 ml. of 3% H_2O_2 , and add distd. H_2O to 200 ml. For silica brick or quartzite, treat 0.25 g. of the sample in a Pt crucible with 5 ml. of H_2O and 5 drops of concd. H_2SO_4 , evap. the contents of the crucible to dryness, fuse the residue on a small flame with 2 parts of K_2SiO_4 , dissolve the melt by heating in 20% H_2SO_4 until clear, transfer to a 200-ml. measuring flask, add 10 ml. of 3% H_2O_2 , and add water to the mark. In samples contg. up to 1% TiO_2 the accuracy of the photocolorimetric method exceeds considerably that of the visual method; at higher TiO_2 contents the two methods are of equal accuracy. Accuracy varied within 0.04-0.08% in samples contg. up to 2% TiO_2 , and within 0.04-0.12% in samples contg. 0.0-0.5% TiO_2 . W. R. Henn

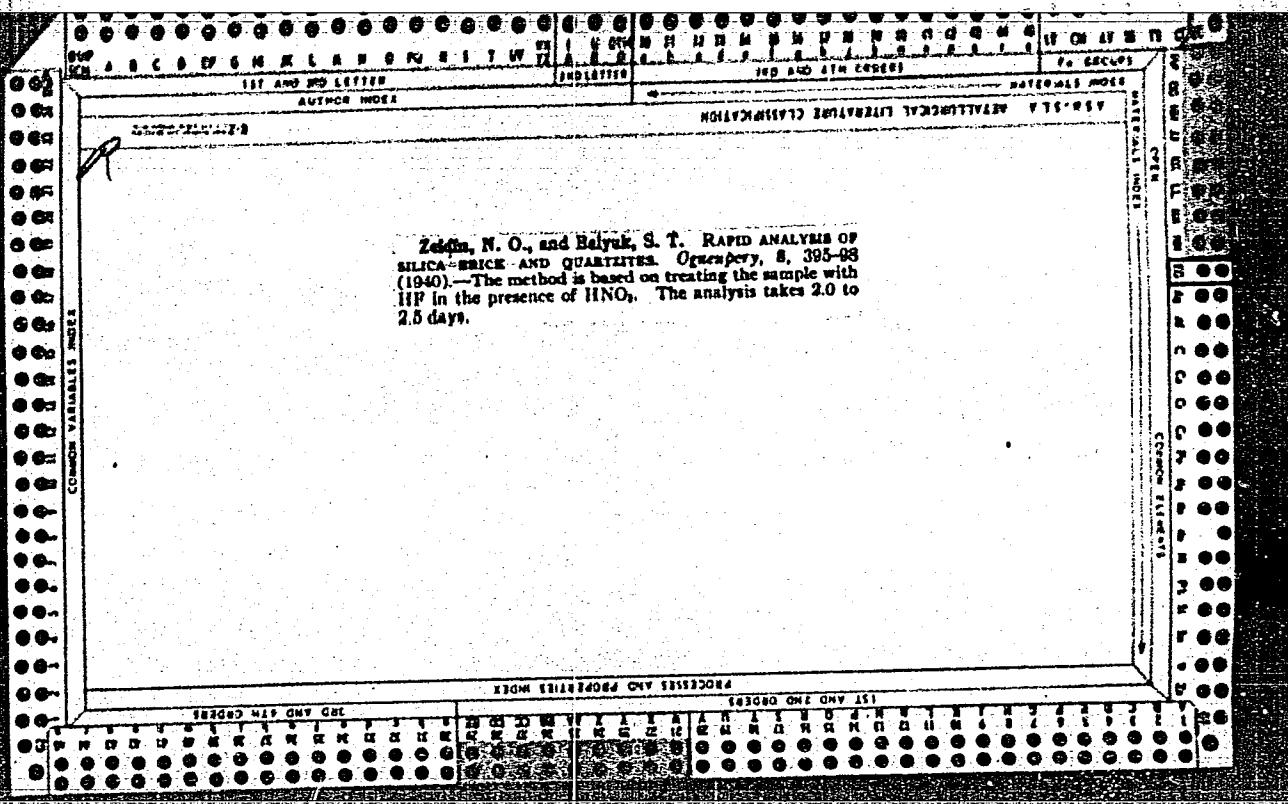
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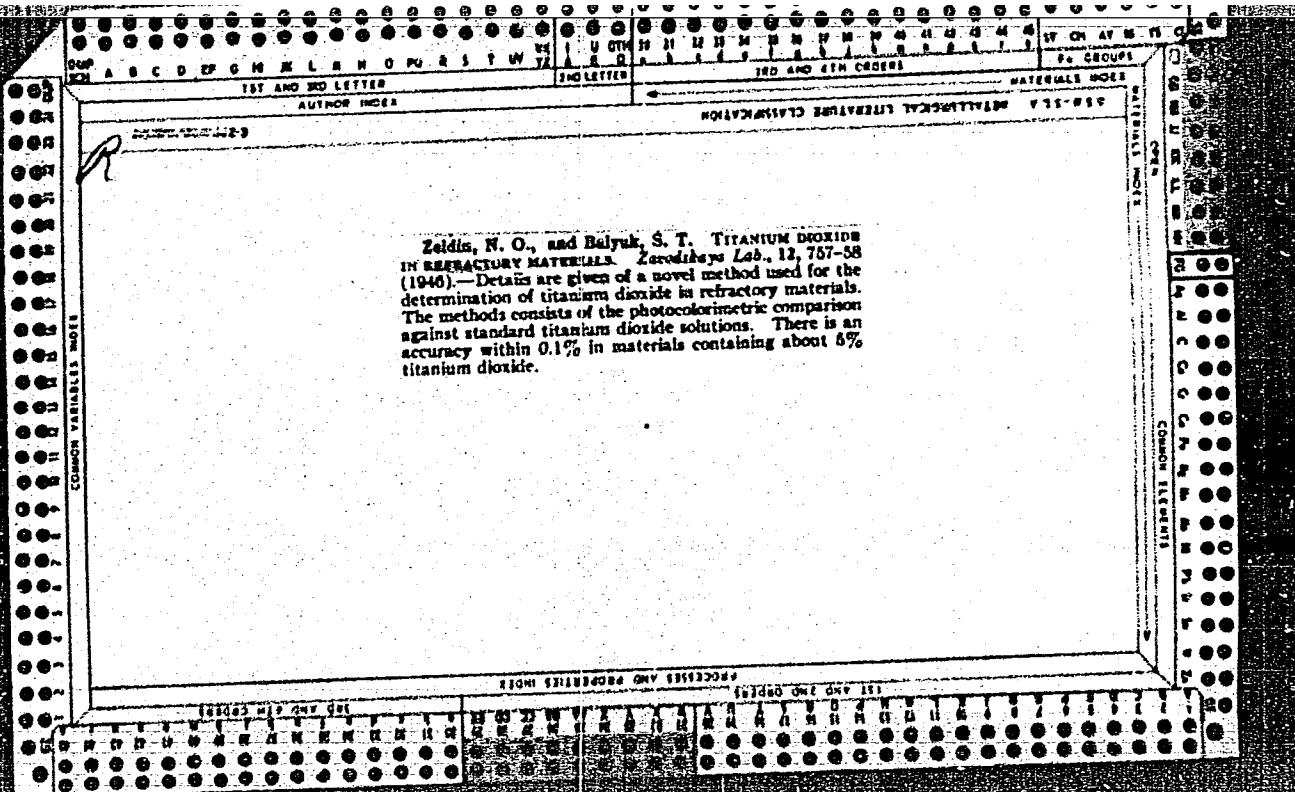
אַתָּה בְּנֵי אֶחָד

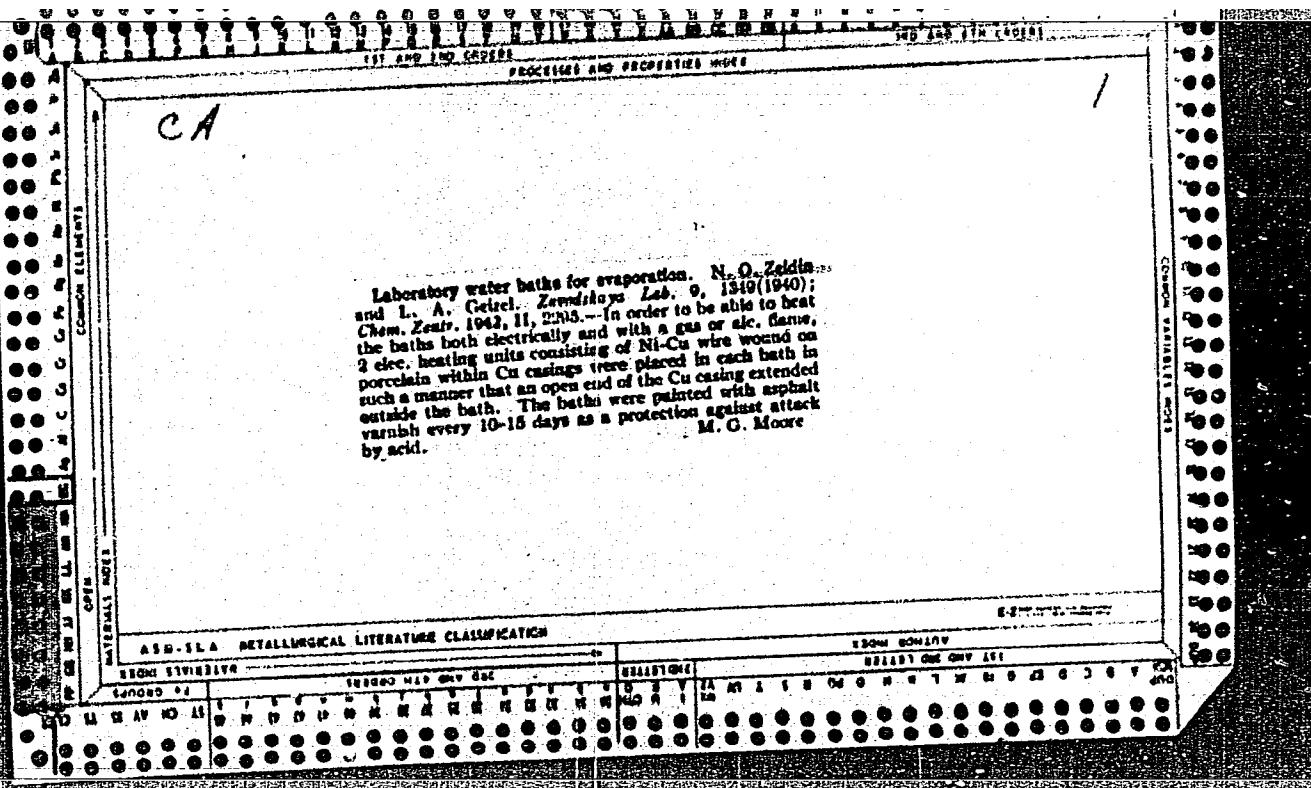
APPROVED FOR RELEASE: 03/15/2001

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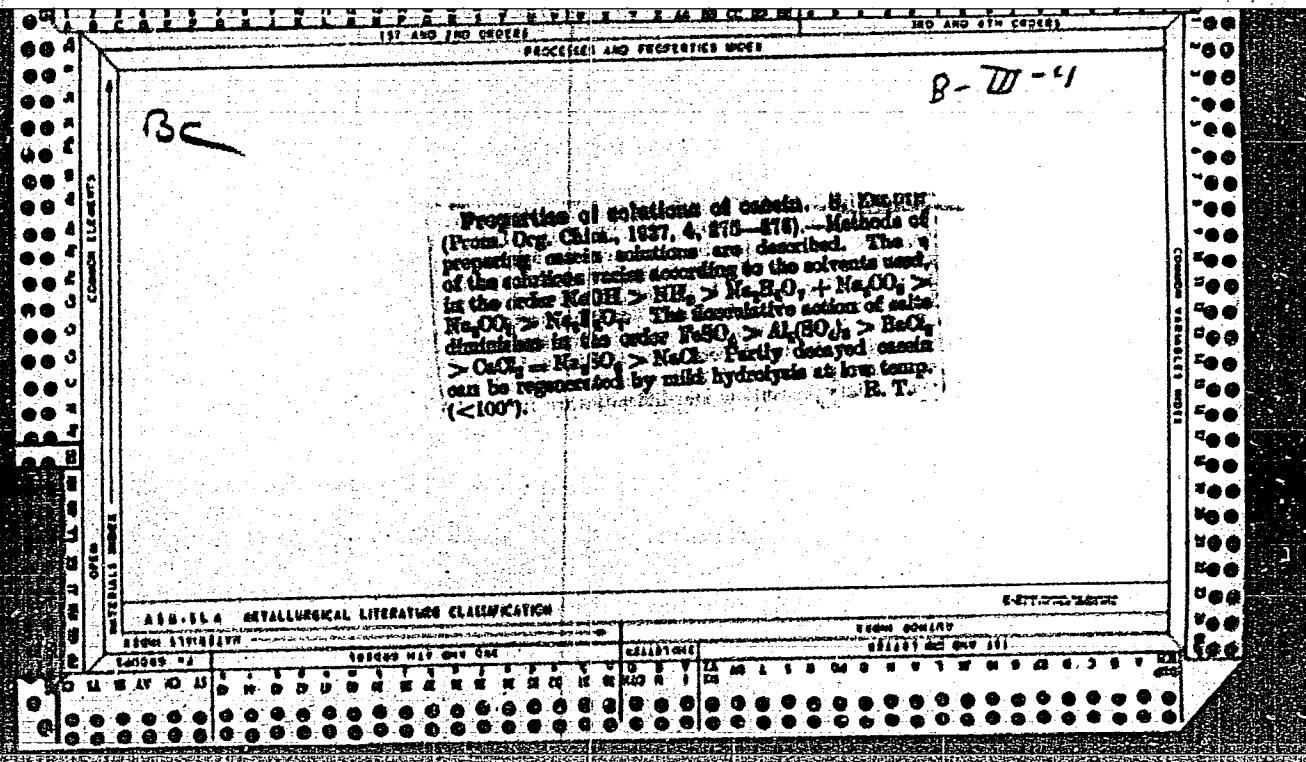






ZEL'DIN, N. O.

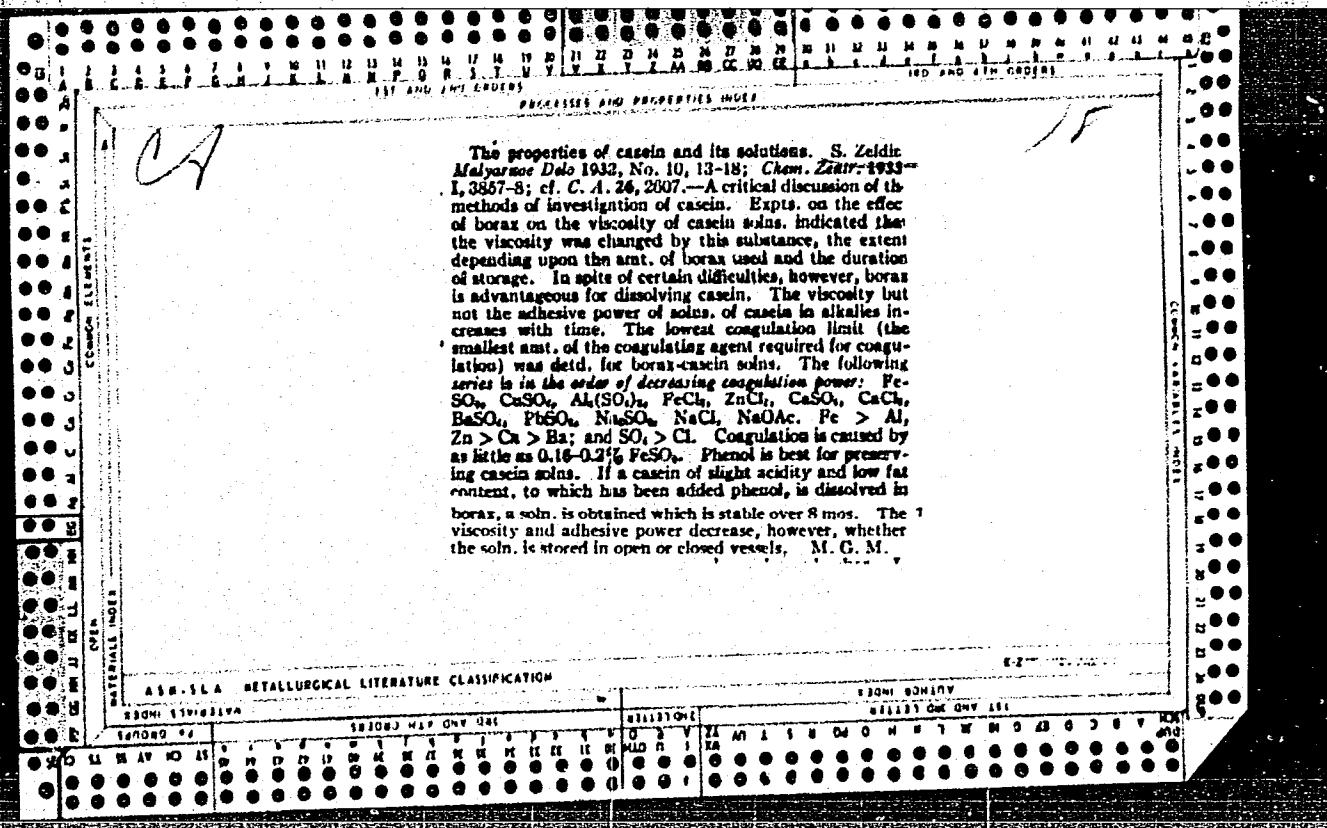
"Air Baths for Evaporation," Ogneupory, No. 3, 1948. Engr., -c1942-.



ZEL'DIN, S., nachal'nik.

Streetcar modernization in Kazan'. Znisl.-kom.khoz. vol.3 no.9:13-14 S '53.
(MLBA 6:9)

1. Tekhnicheskiy otdel Kazanskogo tramvayno-trolleybusnogo upravleniya.
(Kazan'--Electric railroads--Cars) (Cars--Electric railroads--Kazan')



ZELDIN, S.P.

Casein priming base for wood. S. P. Zeldin, Org. Chem. Ind. (U. S. S. R.) 5, 54 (1928). A mixt. of 100 g. dry casein, 3.5-4.5 g. NaOH, 4.5-5.5 g. PhOH, 300-600 g. pigments (mineral and org.) and 20-40 g. alizarin oil was used as a prime base for oil and lacquer paints on wood. It prevents blistering and swelling of varnish finish, dries quickly and reduces the required no. of varnish coatings.

Chas, Blau